# ENVIRON



February 10, 2004

Mr. Dion Novak
Superfund Division
United State Environmental Protection Agency
77 West Jackson Boulevard
Mail Code: SR-6J
Chicago, IL 60604

Re: Monthly Progress Report – January 2004

Eagle Zinc Site, Hillsboro, Illinois

Dear Mr. Novak:

This progress report has been prepared pursuant to the December 31, 2001 Administrative Order by Consent (AOC) for the Eagle Zinc Company site located in Hillsboro, Illinois, and includes activities conducted during January 2004.

### I. Activities Conducted During Reporting Month

Activities conducted during the reporting period included:

- Received data validation report for surface water samples collected at the site on November 24, 2003.
- Discussed the status of the risk assessments and associated submission schedule with you on January 19, 2004.
- Prepared and submitted a letter dated January 26, 2003 including responses to issues raised in USEPA's December 30, 2003 comment letter.
- Continued implementation of risk assessment tasks that are not dependent upon resolution of procedural issues requiring additional discussion with USEPA.

#### II. Difficulties Encountered During Reporting Month

No difficulties were encountered during the reporting month.

#### III. Changes in Key Project Personnel

No changes in key project personnel have occurred.

#### IV. Sampling and Testing Results

Sediment, surface water and ground water samples were collected at the site for VOC analysis in November 2003. We have determined that the laboratory package and data validation report included with our last progress report were incomplete. As such, we have attached all laboratory data packages and the corresponding data validation reports. The laboratory data and data validation reports are included in Appendix A and a compact disc

containing the data and validation report is submitted herewith. Target Compound List (TCL) volatile organic compounds detected in the surface water, ground water and sediment samples collected during this sampling episode were summarized in the previous progress reports, on Figures 1 and 2.

## V. Project Schedule

The current Project Schedule, including actual dates for completed tasks, is attached to this letter.

# VI. Activities Planned for Next Reporting Month

The following activities are planned for February 2004:

- Continue implementation of the baseline risk assessments.
- Discuss additional comments discussed in USEPA's December 30, 2003 letter and ENVIRON's January 26, 2004 response letter concerning methodologies proposed for completion of the baseline human health risk assessment and screening level ecological risk assessment. It is anticipated that these discussions will take place in an upcoming meeting at USEPA's offices in Chicago.

If you have any questions concerning this progress report, please do not hesitate to contact me.

Sincerely,

#### **ENVIRON International Corporation**

F. Ross Jones, P.G.

Manager

FRJ:alb

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#### Attachment

cc: Thomas Krueger, Esq. – USEPA Region 5 (Appendix A on CD only)
Rick Lanham – IEPA Bureau of Land (Appendix A in hard copy only)

Chris English – CH2M Hill (Appendix A on CD only)

John Ix, Esq. – Dechert (w/o Appendix A)

Paul Harper – Eagle-Picher (w/o Appendix A)

Gordon Kuntz – Sherwin-Williams (w/o Appendix A)

Roy Ball – ENVIRON (w/o Appendix A)

#### EAGLE ZINC -RI/FS SCHEDULE EAGLE ZINC COMPANY SITE HILLSBORO, IL Finish Duration Nov '01 Dec '01 Jan '02 Feb '02 Mar '02 Jan '03 Jan '04 Feb '04 Mar '04 Apr '04 May '04 Jun '04 Jun '04 Jun '04 Jun '04 Sep '04 Oct '04 Nov '04 Dec '04 Jan '05 Feb '05 Mar '0 Task Name Thu 1/27/05 RI/FS Tasks Mon 12/31/01 Mon 12/31/01 Thu 3/28/02 88 days **Preliminary Site Evaluation Repor** Draft Preliminary Site Evaluation Report Mon 12/31/01 Wed 2/13/02 2/13/02 Thu 3/7/02 PSE Report Review Meeting Thu 2/14/02 22 days Agency Comments on PSE Report Thu 3/7/02 Thu 3/7/02 3/7/02 Fri 3/8/02 Thu 3/28/02 Final PSE Report Thu 7/11/02 193 days RI/FS Workplan Mon 12/31/01 Draft RI/FS Workplan Mon 12/31/01 Mon 4/1/02 RI/FS Workplan Review Meeting Tue 4/2/02 Wed 4/17/02 Agency Comments on Draft Draft RI/FS Work Plan Fri 5/3/02 5/3/02 Final RI/FS Workplan Sat 5/4/02 Wed 6/26/02 54 days Agency Approval of Final RI/FS Workplan Thu 6/27/02 Thu 7/11/02 7/11/02 Fri 7/12/02 235 days Phase 1 Source Characterization Technical Remorandum Phase 1 Source Characterization Technical Memorandu Draft Phase 1 Source Characterization Technical Memorandum Fri 7/12/02 Wed 10/9/02 Wed 10/16/02 Tue 10/29/02 Phase 1Technical Memorandum Review Meeting 14 days Agency Comments on Draft Phase 1 TM Wed 10/30/02 Thu 11/7/02 11/7/02 Tue 11/12/02 Mon 12/2/02 21 days Final Phase 1 Source Characterization TM Agency Approval of Final Phase 1 TM Tue 12/3/02 Mon 3/3/03 91 days **Phase 2 Migration Pathway Technical Memorandum** Phase 2 Migration Pathway Technical Memorandum Tue 2/17/04 Draft Phase 2 Migration Pathway Technical Memorandum Tue 3/4/03 Sun 8/10/03 160 days Phase 2 Technical Memorandum Review Meeting 8/24/03 Agency Comments on Draft Phase 2 TM Mon 8/25/03 Tue 11/4/03 72 days Wed 11/5/03 Tue 11/18/03 14 days Final Phase 2 Migration Pathway TM Tue 2/17/04 Fri 11/28/03 82 days Agency Approval of Final Phase 2 TM Wed 2/18/04 110 days Wed 2/18/04 Fri 4/2/04 45 days Draft Risk Assessment Report Sat 4/3/04 Fri 4/16/04 14 days Agency Comments on Draft Risk Assessment Report Sat 4/17/04 Sun 5/2/04 16 days 5/2/04 Mon 5/3/04 Sun 5/23/04 21 days Agency Approval of Final Risk Assessment Mon 5/24/04 Sun 6/6/04 14 days 6/6/04 Fri 9/24/04 110 days Mon 6/7/04 Wed 7/21/04 Draft Remedial Investigation Report Thu 7/22/04 Wed 8/4/04 Remedial Investigation Report Review Meeting 14 days Agency Comments on Draft Remedial Investigation Repor Thu 8/5/04 Fri 8/20/04 16 days Sat 8/21/04 Fri 9/10/04 21 days Final Remedial Investigation Report Agency Approval of Final Remedial Investigation Report Sat 9/11/04 Fri 9/24/04 14 days NOTES: **Feasibility Study Report** Sat 9/25/04 125 days 1. A monthly progress report will be submitted at the **Feasibility Study Report** end of each calendar month. 2. Assumes 30 days for Agency to provide comments Draft Feasibility Study Report Sat 9/25/04 Tue 11/23/04 60 days on draft deliverables. 3. Assumes 14 days for Agency to review and approve Tue 12/7/04 Feasibility Study Report Review Meeting final deliverables. 4. Assumes Draft Risk Assessment Technical Thu 12/23/04 16 days Agency Comments on Draft Feasibility Study Wed 12/8/04 Memorandum submitted as proposed in ENVIRON's 12/23/04 January 26, 2004 letter. Fri 12/24/04 Thu 1/13/05 21 days Final Feasibility Study Report Agency Approval of Final Feasibility Study Report Fri 1/14/05 Thu 1/27/05 14 days 1/27/05 T Projet Summary External Tasks Project: EAGLE ZINC Schedule\_rev7 Date: Mon 2/9/04 Deadline Split Progress Page 1